

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086298.D
 Acq On : 18 Apr 2016 22:58
 Operator : UM/SJ
 Sample : H1942-06DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPDL

Manual Integrations
 APPROVED

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 4/19/2016 6:24:21 PM

Quant Time: Apr 19 03:17:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 01:01:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	268469	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	640972	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	226823	20.00	ng	0.02
63) Phenanthrene-d10	11.44	188	421226	20.00	ng	0.02
75) Chrysene-d12	14.04	240	463228	20.00	ng	-0.01
86) Perylene-d12	15.48	264	382682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1364370	83.27	ng	0.00
7) Phenol-d6	6.52	99	1917542	93.56	ng	0.00
23) Nitrobenzene-d5	7.46	82	1170038	105.29	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	96573	53.02	ng	0.02
44) 2-Fluorobiphenyl	9.26	172	1034644	84.17	ng	0.01
78) Terphenyl-d14	13.00	244	991916	53.84	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.91	142	1185192	64.04	ng	98
49) Dimethylphthalate	9.66	163	166924	10.12	ng	# 75
51) Acenaphthene	9.98	154	171885	13.56	ng	# 73
70) Phenanthrene	11.46	178	835841	41.54	ng	# 95
71) Anthracene	11.50	178	92253	2.93	ng	# 79
77) Pyrene	12.85	202	167222	4.71	ng	# 90
87) Benzo(b)fluoranthene	15.07	252	53521m	2.27	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

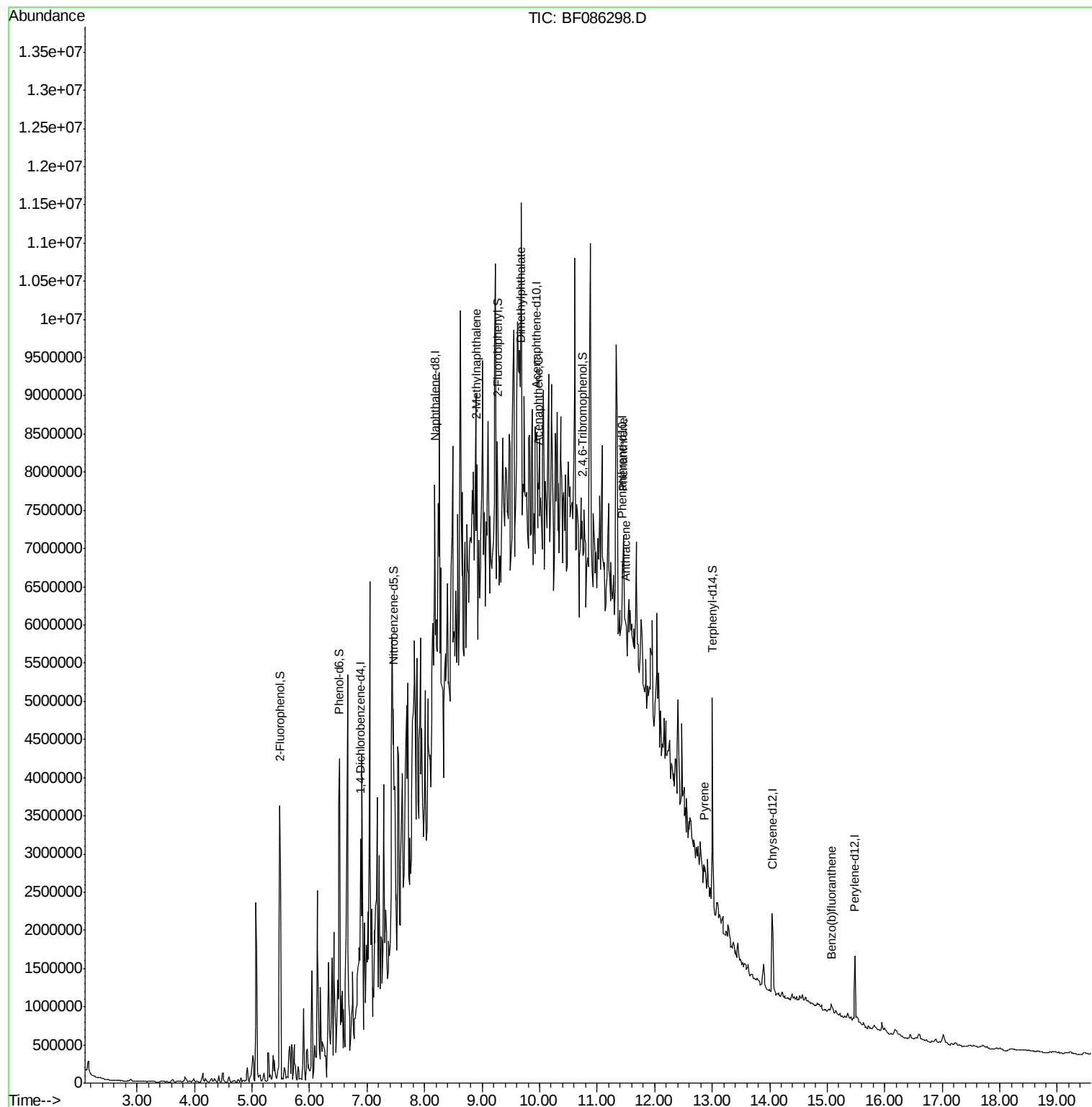
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

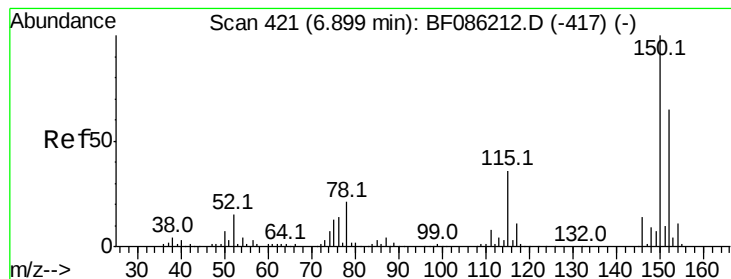
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPDL

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QLast Update : Tue Apr 19 01:01:44 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

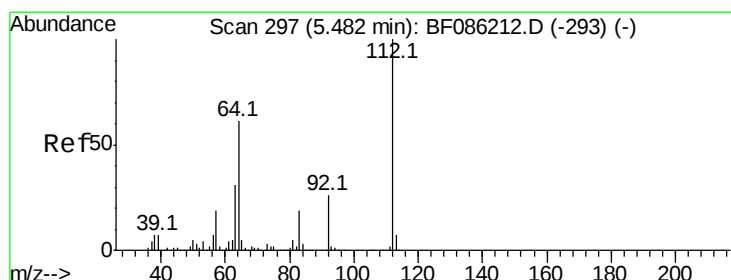
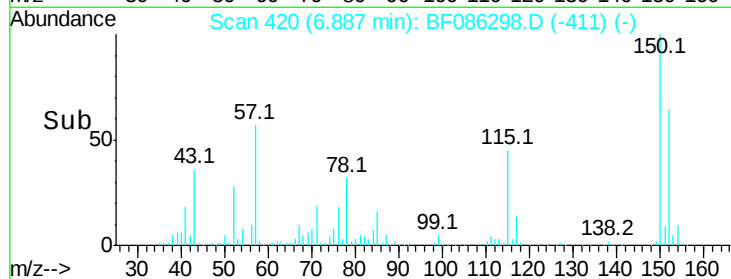
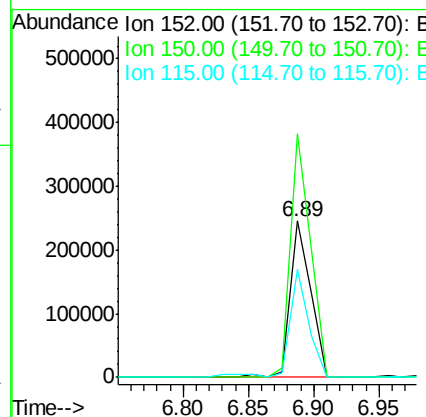
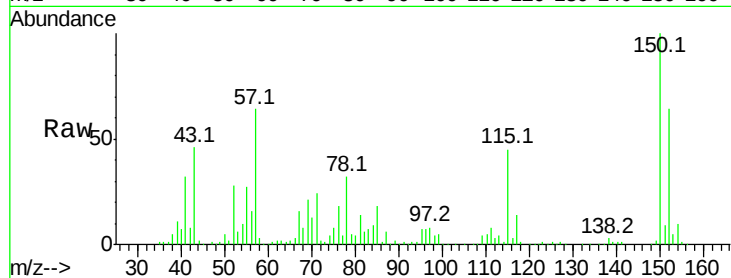
ClientSampleId :

B-929(0.3N)COMPDL

Tot Ion:	152	Resp:	268469
Ion Ratio	Lower	Upper	
152	100		
150	155.8	124.1	186.1
115	69.4	43.9	65.9#

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#5

2-Fluorophenol

Concen: 83.27 ng

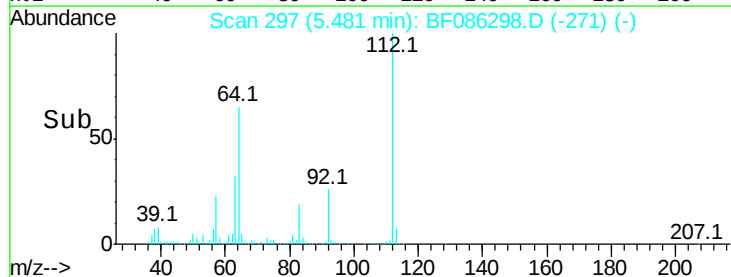
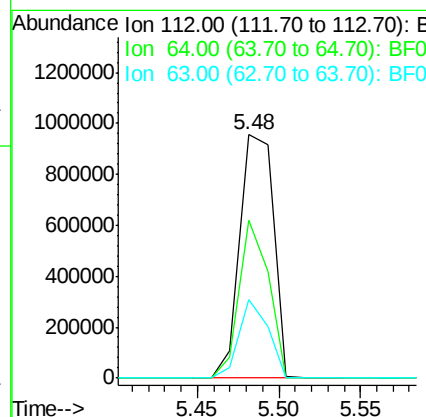
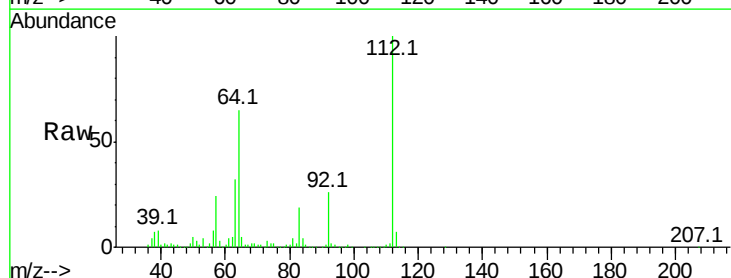
RT: 5.48 min Scan# 297

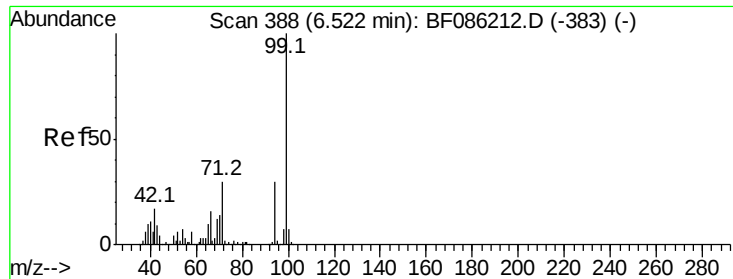
Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Tgt Ion:	112	Resp:	1364370
Ion Ratio	Lower	Upper	
112	100		
64	64.7	48.1	72.1
63	32.3	25.5	38.3





#7

Phenol-d6

Concen: 93.56 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086298.D

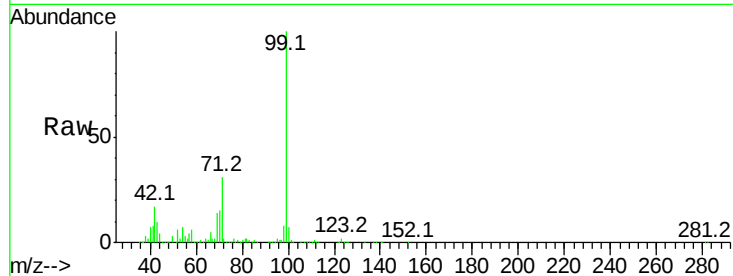
Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL



Tot Ion: 99 Resp: 1917542

Ion Ratio Lower Upper

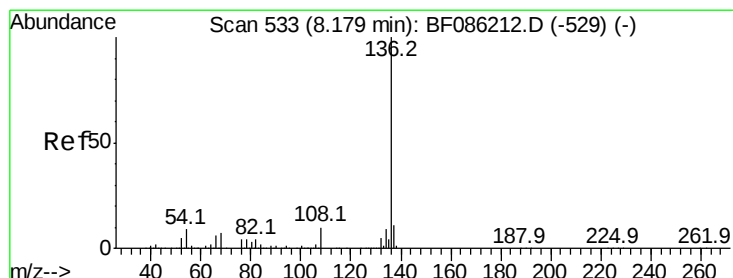
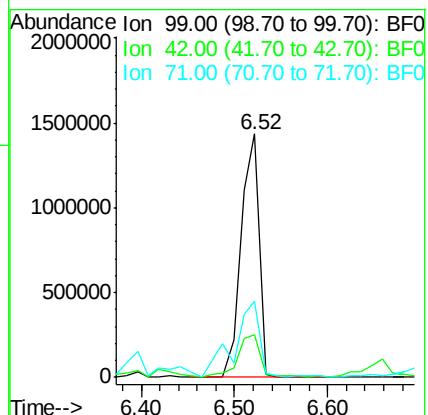
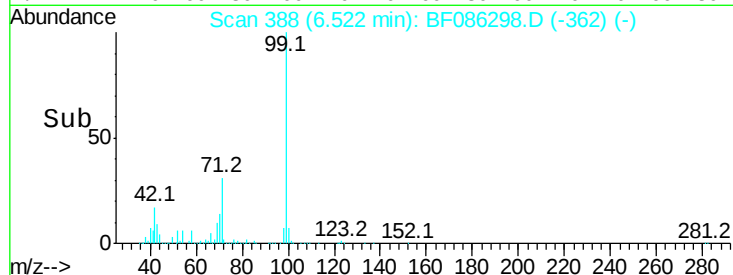
99 100

42 17.4 15.4 23.2

71 31.3 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Tgt Ion: 136 Resp: 640972

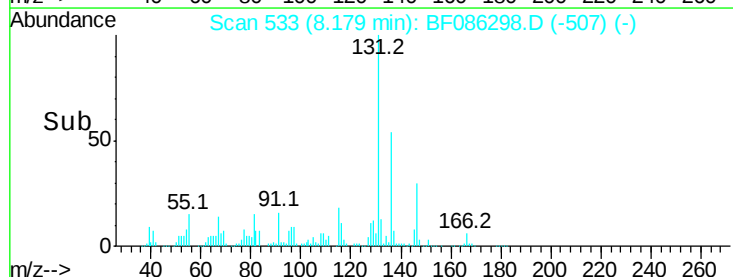
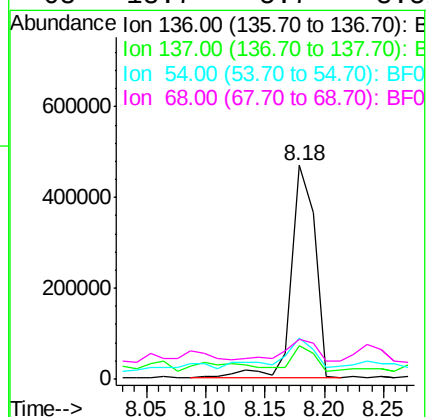
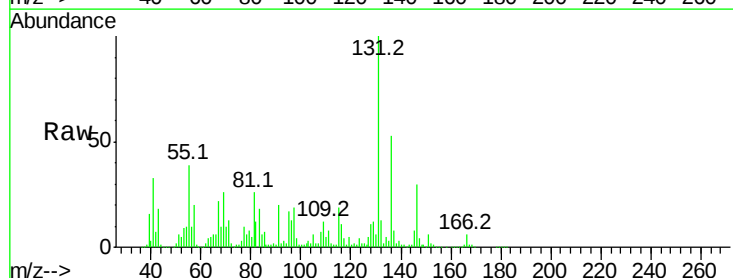
Ion Ratio Lower Upper

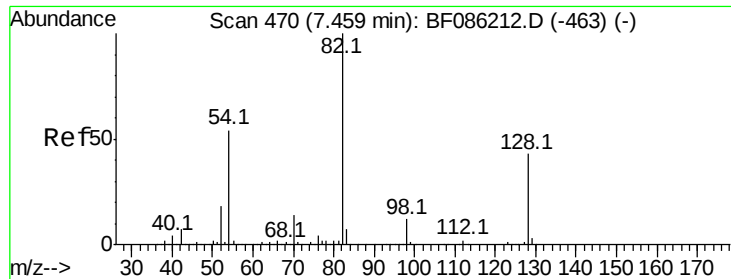
136 100

137 15.3 9.1 13.7#

54 18.9 7.3 10.9#

68 18.7 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 105.29 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

Tot Ion: 82 Resp: 1170038

Ion Ratio Lower Upper

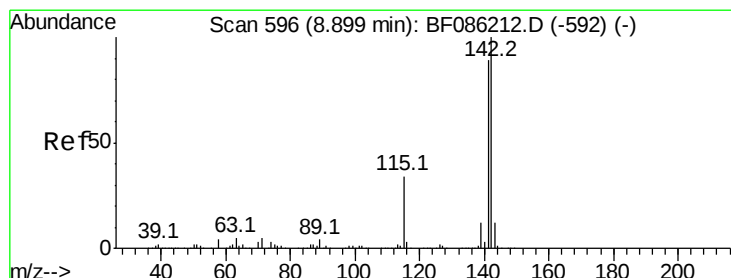
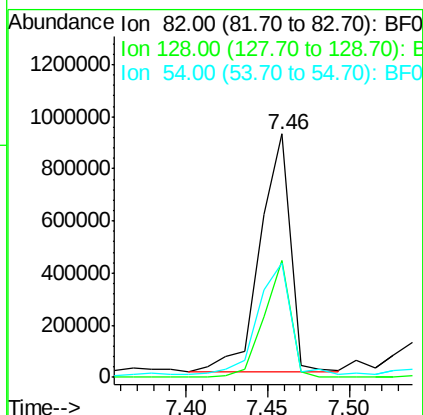
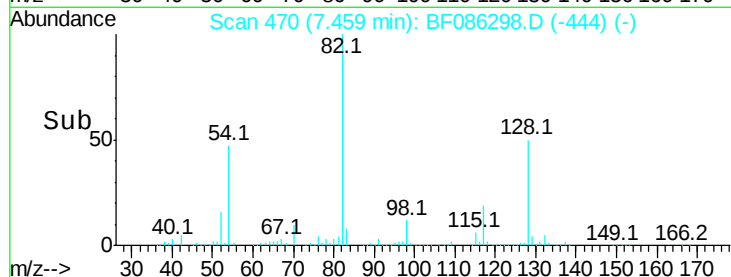
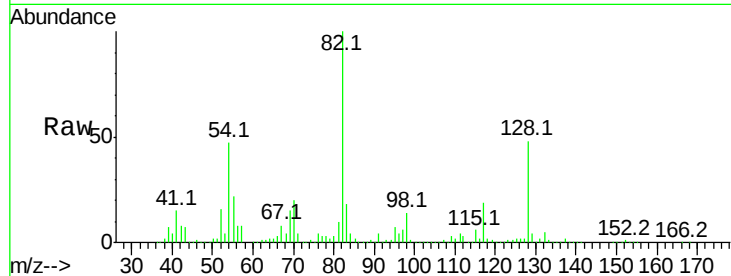
82 100

128 48.2 35.4 53.2

54 46.8 43.4 65.0

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#37

2-Methylnaphthalene

Concen: 64.04 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

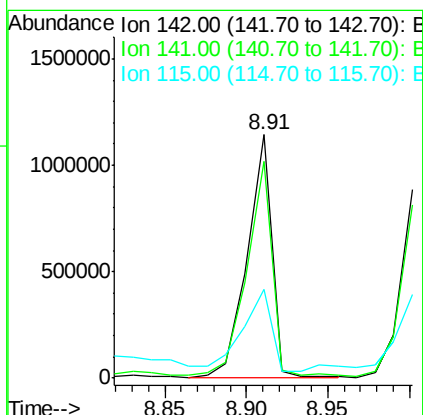
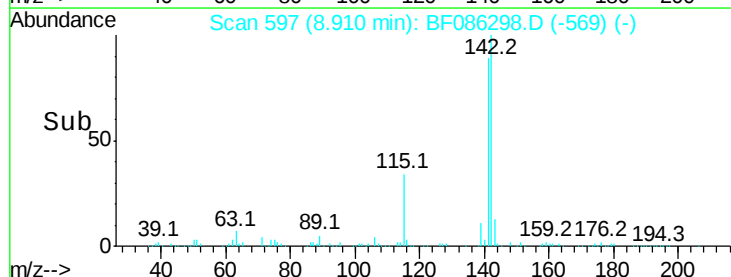
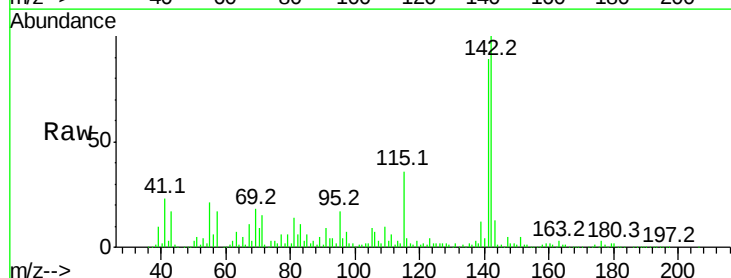
Tgt Ion: 142 Resp: 1185192

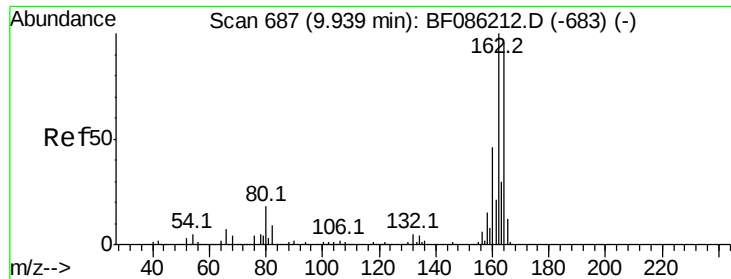
Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7

115 36.3 25.1 37.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF086298.D

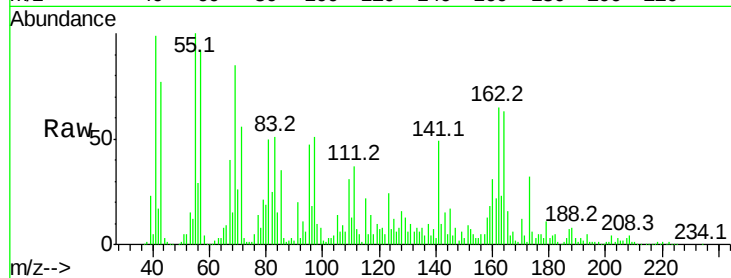
Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

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Tot Ion:164 Resp: 226823

Ion Ratio Lower Upper

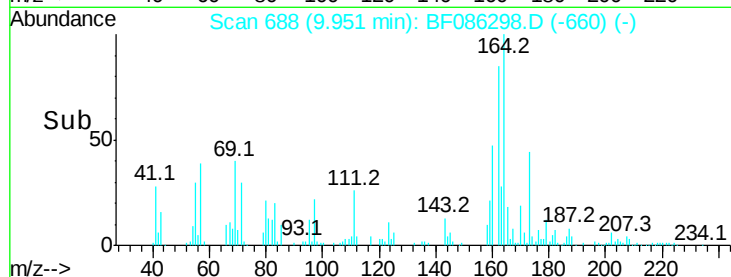
164 100

162 102.8 82.8 124.2

160 49.3 38.9 58.3

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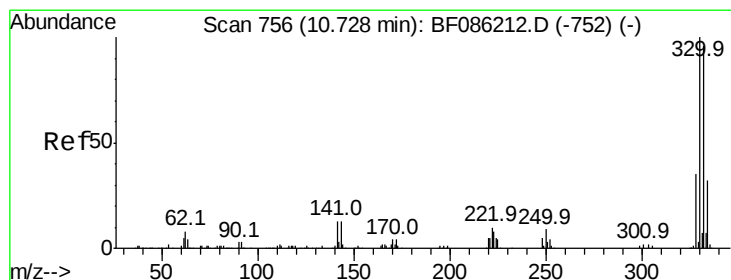
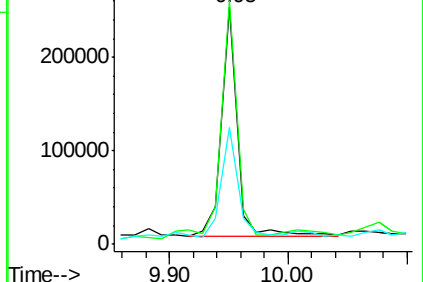
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 53.02 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

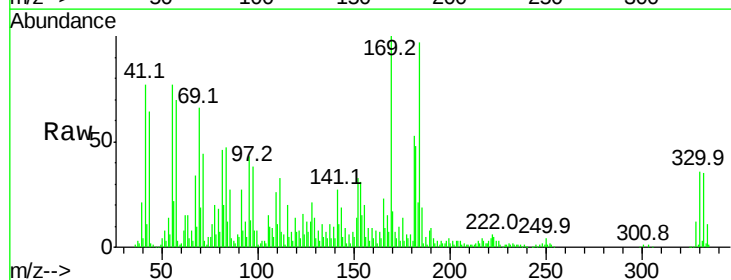
Tgt Ion:330 Resp: 96573

Ion Ratio Lower Upper

330 100

332 97.2 78.7 118.1

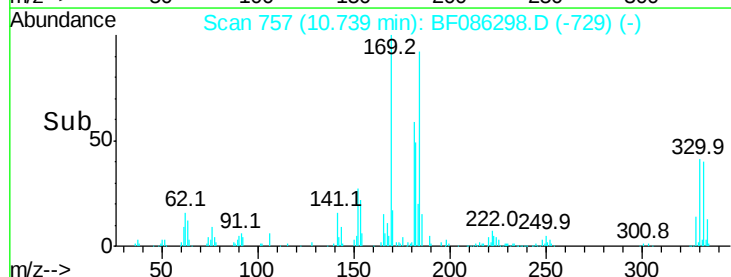
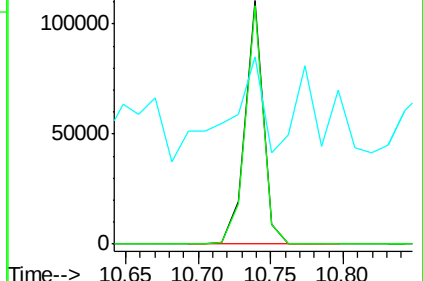
141 52.6 28.6 42.8#

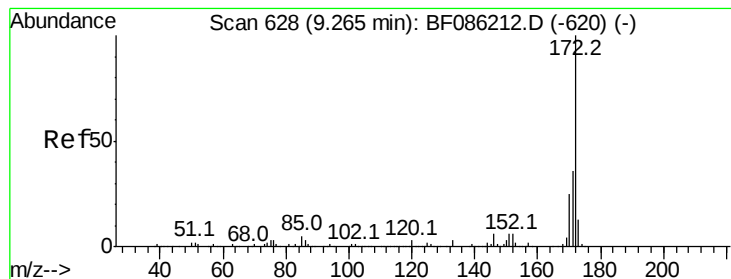


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





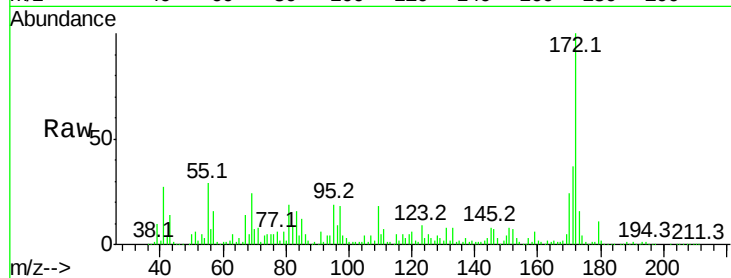
#44
2-Fluorobiphenyl
Concen: 84.17 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Instrument :
BNA_F
ClientSampleId :
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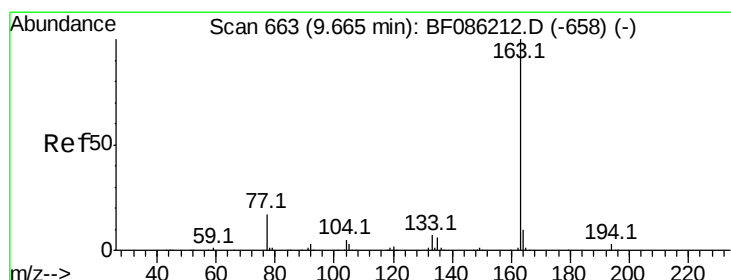
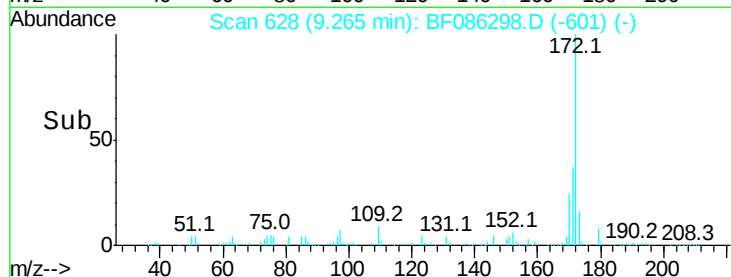
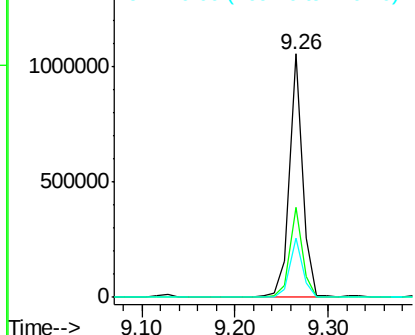
Tot Ion:172 Resp: 1034644
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.5 19.9 29.9

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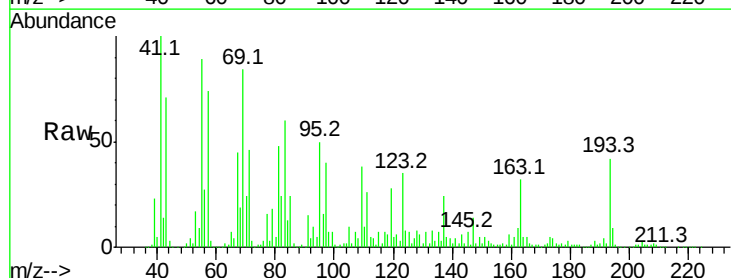


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

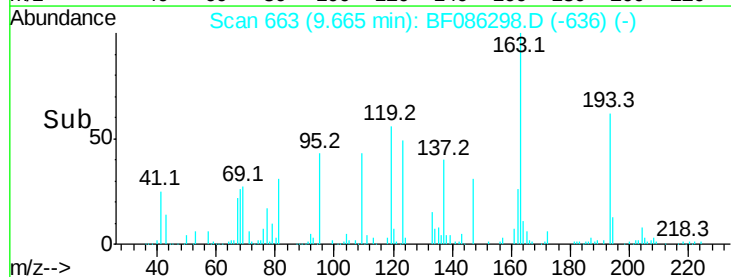
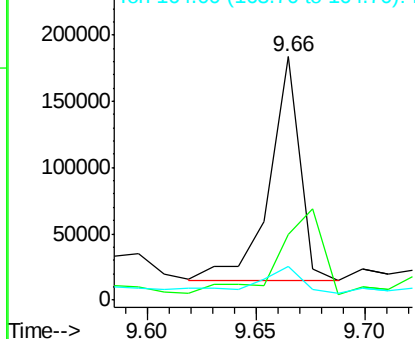


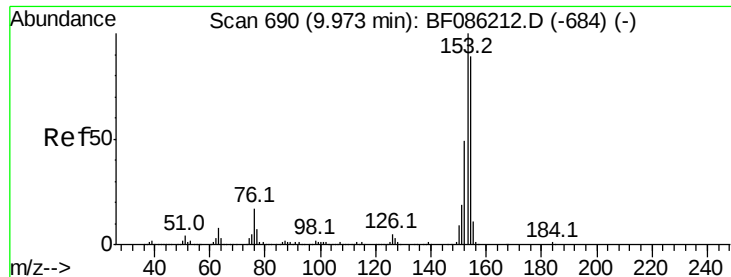
#49
Dimethylphthalate
Concen: 10.12 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Tgt Ion:163 Resp: 166924
Ion Ratio Lower Upper
163 100
194 27.2 2.8 4.2#
164 14.1 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 13.56 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

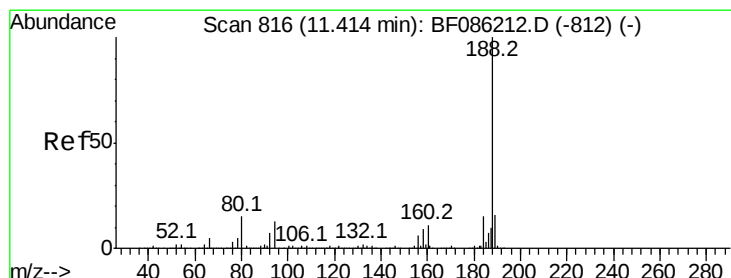
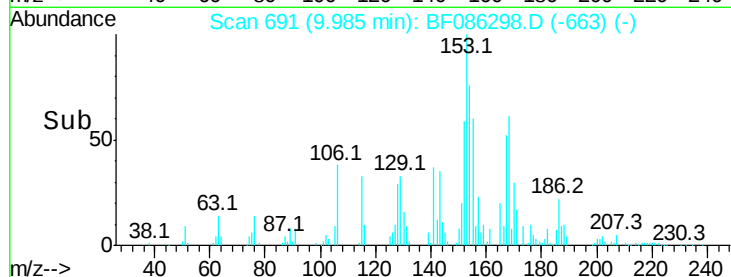
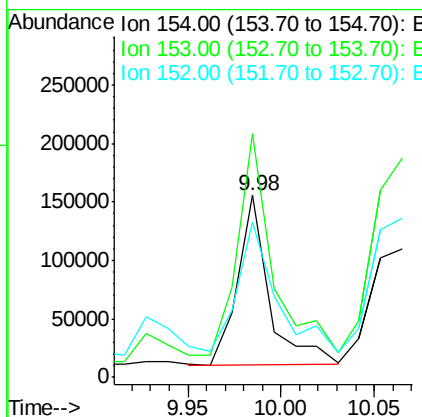
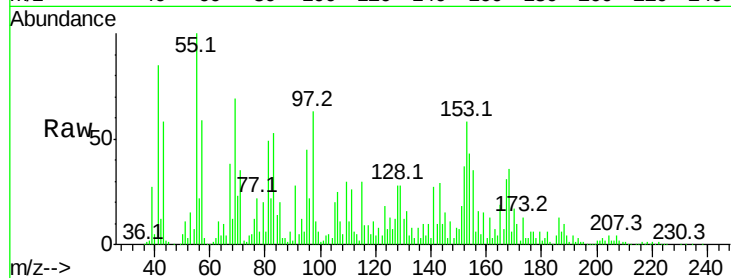
ClientSampleId :

B-929(0.3N)COMPDL

Tot Ion:	154	Resp:	171885
Ion Ratio	Lower	Upper	
154	100		
153	133.7	90.0	135.0
152	85.0	44.3	66.5#

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#63

Phenanthrene-d10

Concen: 20.00 ng

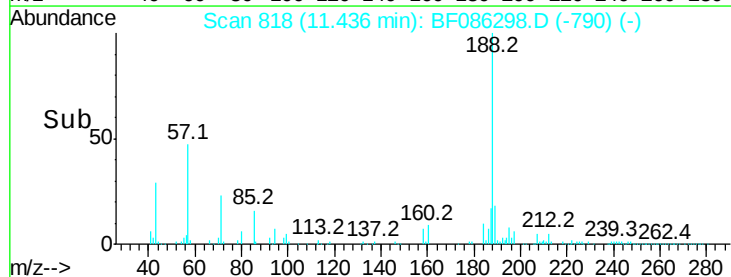
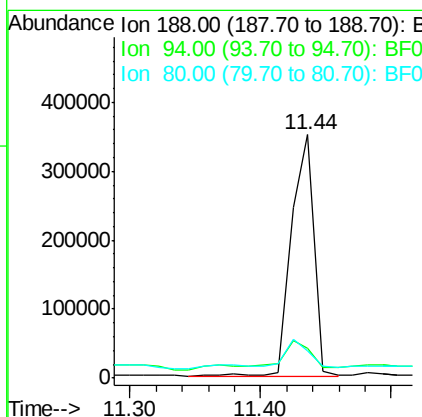
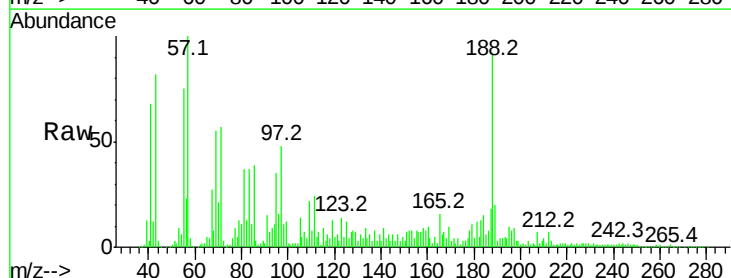
RT: 11.44 min Scan# 818

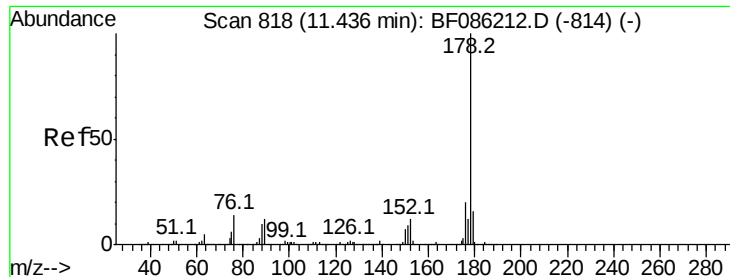
Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Tgt Ion:	188	Resp:	421226
Ion Ratio	Lower	Upper	
188	100		
94	12.1	9.8	14.8
80	11.4	10.5	15.7





#70

Phenanthrene

Concen: 41.54 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

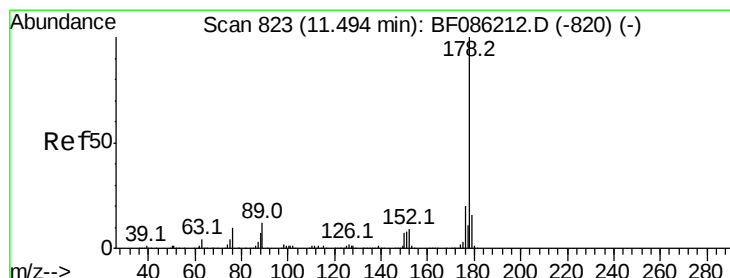
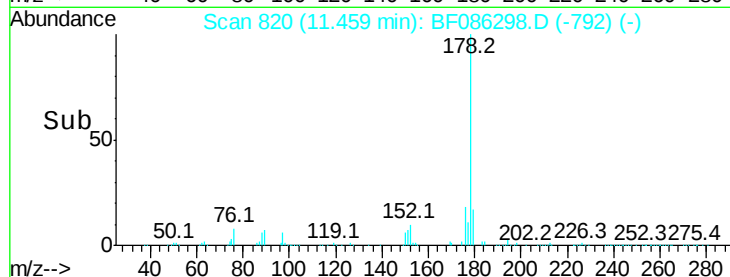
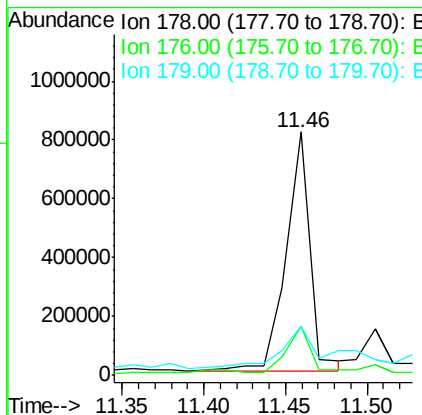
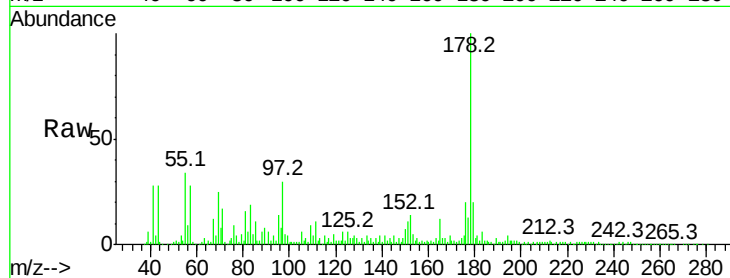
B-929(0.3N)COMPDL

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Tot Ion	178	Resp	835841
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.3	24.5
179	20.1	13.0	19.6#



#71

Anthracene

Concen: 2.93 ng

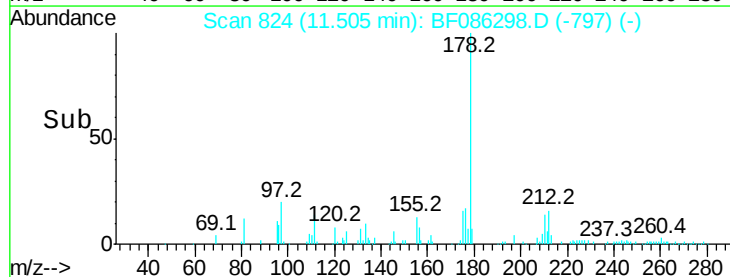
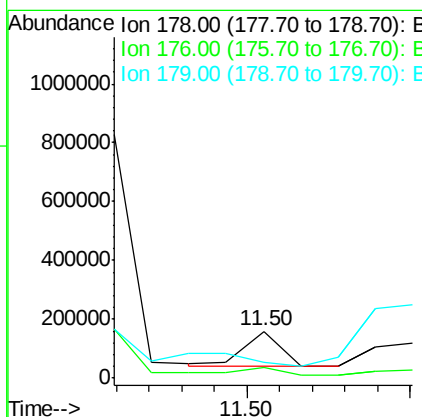
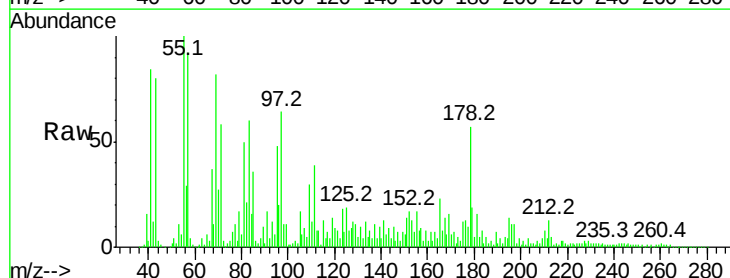
RT: 11.50 min Scan# 824

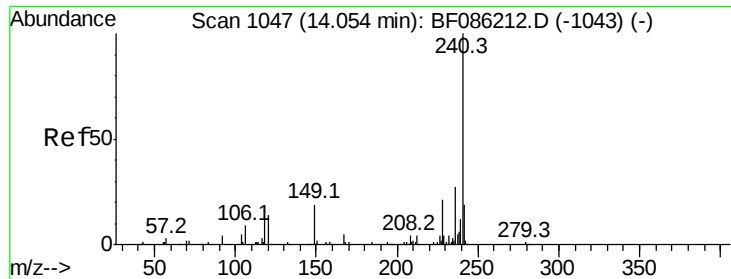
Delta R.T. 0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Tgt Ion	178	Resp	92253
Ion Ratio	Lower	Upper	
178	100		
176	22.6	16.2	24.4
179	34.3	13.2	19.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

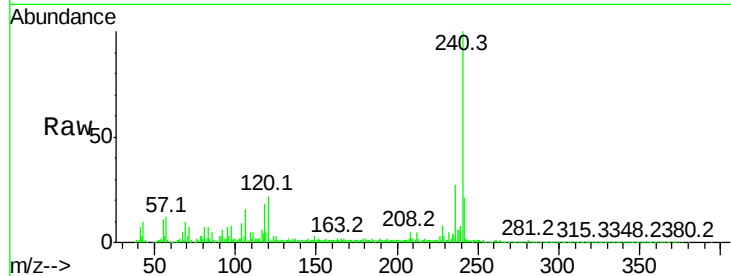
ClientSampleId :

B-929(0.3N)COMPDL

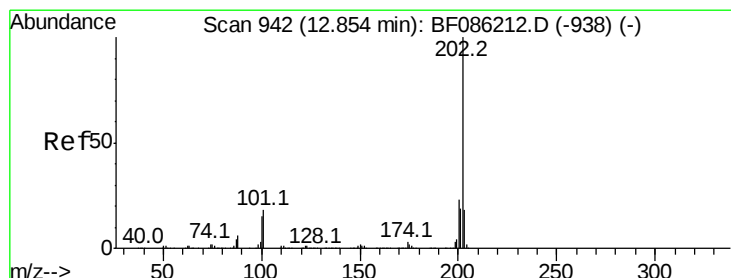
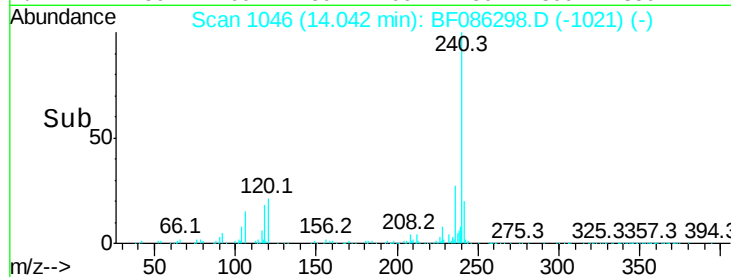
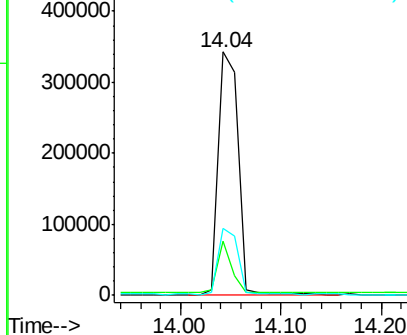
Tot Ion:	240	Resp:	463228
Ion Ratio	Lower	Upper	
240	100		
120	22.5	9.3	13.9#
236	27.4	21.1	31.7

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.71 ng

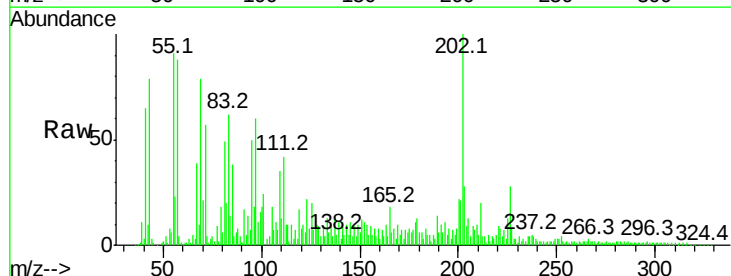
RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

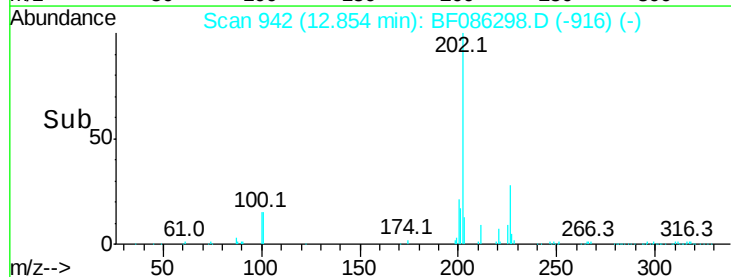
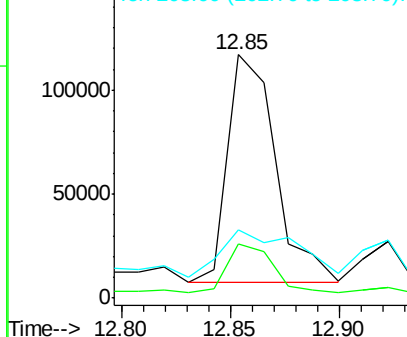
Lab File: BF086298.D

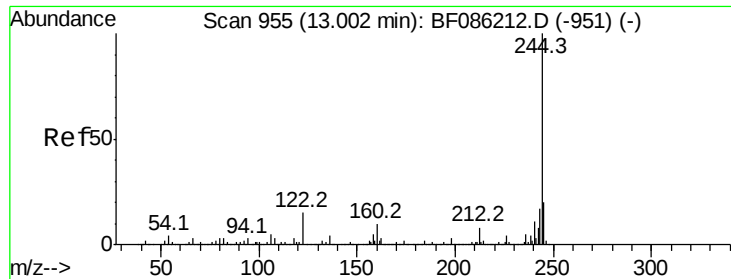
Acq: 18 Apr 2016 22:58

Tgt Ion:	202	Resp:	167222
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.3	27.5
203	27.9	14.9	22.3#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.84 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086298.D

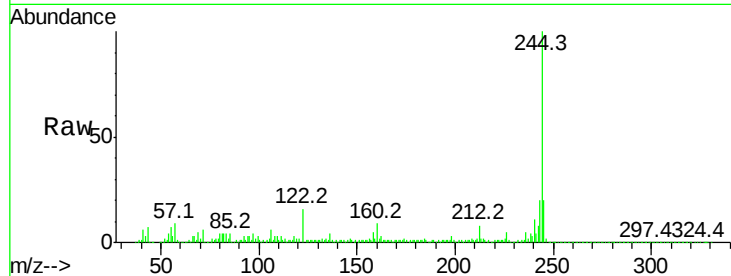
Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

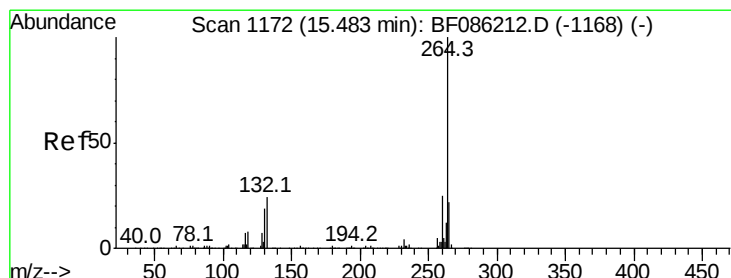
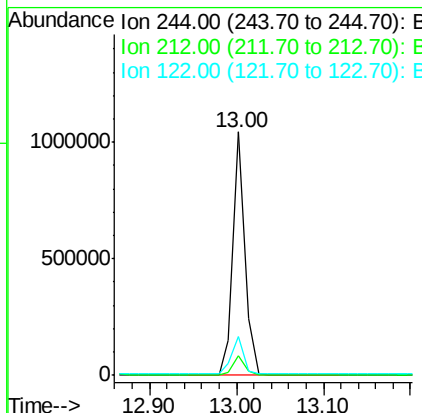
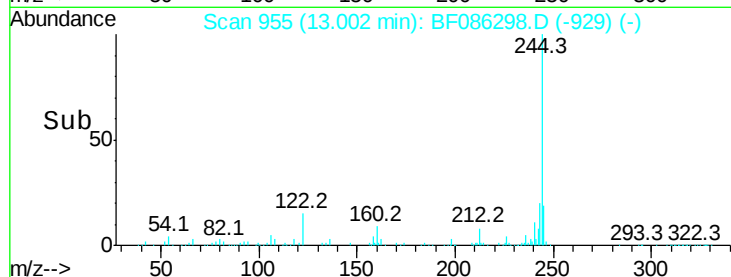
B-929(0.3N)COMPDL



Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	15.7	11.7	17.5

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#86

Perylene-d12

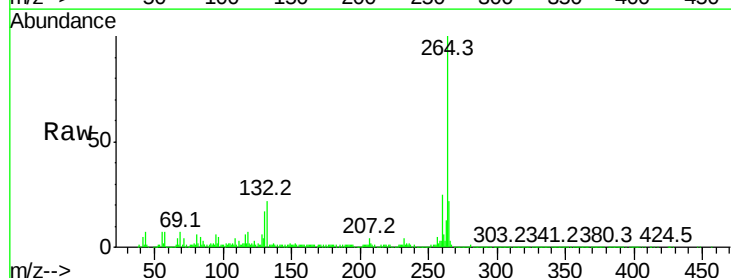
Concen: 20.00 ng

RT: 15.48 min Scan# 1172

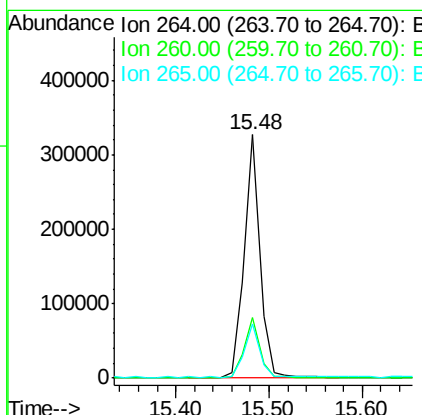
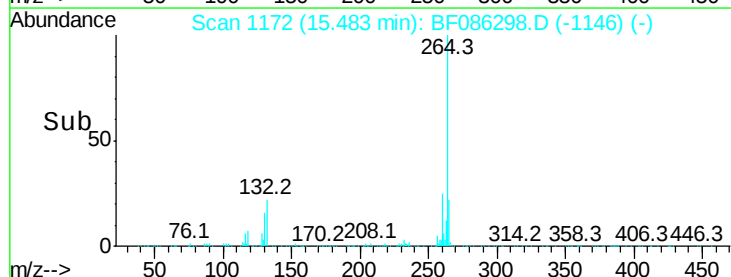
Delta R.T. 0.00 min

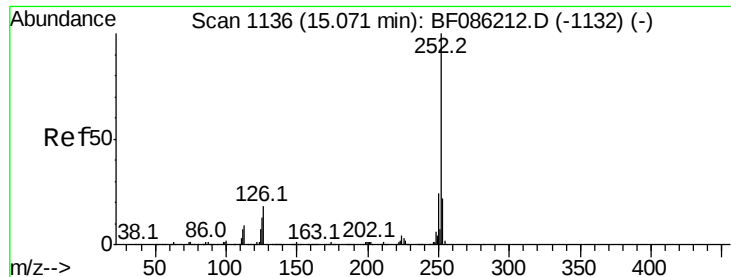
Lab File: BF086298.D

Acq: 18 Apr 2016 22:58



Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	22.4	17.4	26.0





#87
 Benzo(b)fluoranthene
 Concen: 2.27 ng m
 RT: 15.07 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.7	26.5#
125	37.3	10.3	15.5#

Manual Integrations
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